



Studies and Research
at the Leading Edge of Technology





Welcome to Aalen University

Welcome to Aalen University. We are located in southern Germany's state of Baden-Württemberg - a region famous as a center of research and innovation. The University was founded in 1963 and has grown steadily to become a national and now an international destination for learning and research in applied technology. 6.000 students from more than 60 nations, 160 professors and 475 academic and non-academic staff members are studying or working at the five schools of the University.

Our schools of Chemistry, Electronics & Computer Science, Management & Business Sciences, Mechanical Engineering & Materials Science and Optics & Mechatronics offer more than 60 undergraduate and graduate degree programs. All our academic programs include some lectures in English and some of our degree programs are fully taught in English.

In our role as a University of Applied Sciences we are committed to the direct transfer of knowledge and new technology to our regional business and manufacturing community. To meet this goal we are supported since 2015 by our Innovation Centre, which serves as a business incubator for our graduates. The Innovation Centre facilitates the transfer of innovative products and processes between the University and the industry. Two new Research buildings since 2020 add to the innovation power of the university.

We are a University that proudly serves our regional economic environment. While our focus may be regional, our vision is global. Aalen University is committed to embracing new global opportunities and to devising new products and developing new markets at home and abroad. We value the many vital partnerships we have with universities in other nations and on other continents. Global exchange of students and faculty is a hallmark of our university. At present we have 142 active partnerships worldwide.

This global exchange of scientists and students enriches our University. All courses of study are assessed and updated on a regular basis according to the latest developments in education and science, specific needs of the regional industry as well as international academic standards. As a result, Aalen University merges high-quality courses, highly motivated faculty and staff, state-of-the-art equipment and forward looking curriculum to yield leading edge academic programs in Mechanical Engineering, Chemistry, Business, Electronics and Information Technology.

Recently, the University has developed a new program in Health Administration that blends informatics and proven management practices to produce more efficient and effective medical service workflow. New efficient processes will better serve the health needs of our neighbors here in Germany as well as people around the world. This new program is an example of how Aalen University is growing through innovation and thus expanding its impact on the region and the wider world. Excellent results in national rankings confirm that we are on the right track.

One of our primary goals is to encourage talented young people to realize their full potential and to enable them personal development. Educating future professionals is our key competence.

Sincerely Yours,

Rector Prof. Dr. Harald Riegel

Ideal Living and Leisure Environment

Aalen University – a place for discovery

Aalen University offers students on campus housing so students can live where they learn. The university campus is a busy hub of activity with 6.000 students from more than 60 countries, located in a region focused on culture, sports and outdoor leisure. The lovely city of Aalen is home to 68.000 inhabitants, and offers old world charm as well as modern shopping district. Aalen is remarkable because it merges characteristics of a major city with the friendly environment of a small town. Since Aalen is close to many of Germany's most famous sightseeing locations, you can easily take day trips to Stuttgart, Munich, Ulm, Augsburg or Nuremberg.



Aalen provides a number of recreational facilities, including sports centers, tennis courts, riding halls, an ice-skating rink and even skiing lifts. Modern and classic music concerts are regularly performed in Aalen. The outstanding performances of the Aalen Theatre are widely known. Lively festivals with varying types of music are featured in the bars and pubs. One special highlight is the annual Jazz Festival, which summons world-famous Jazz musicians to Aalen.



Aalen has active and ongoing interactions with its twin cities in the UK, France, Hungary, Italy and Turkey. The many annual international festivals held in Aalen create a welcoming community also for international students. Visitors quickly join in the festival fun and begin to feel like Aaleners! No wonder, when considering that there are more than 110 nations living in Aalen all contributing to an open-minded community.



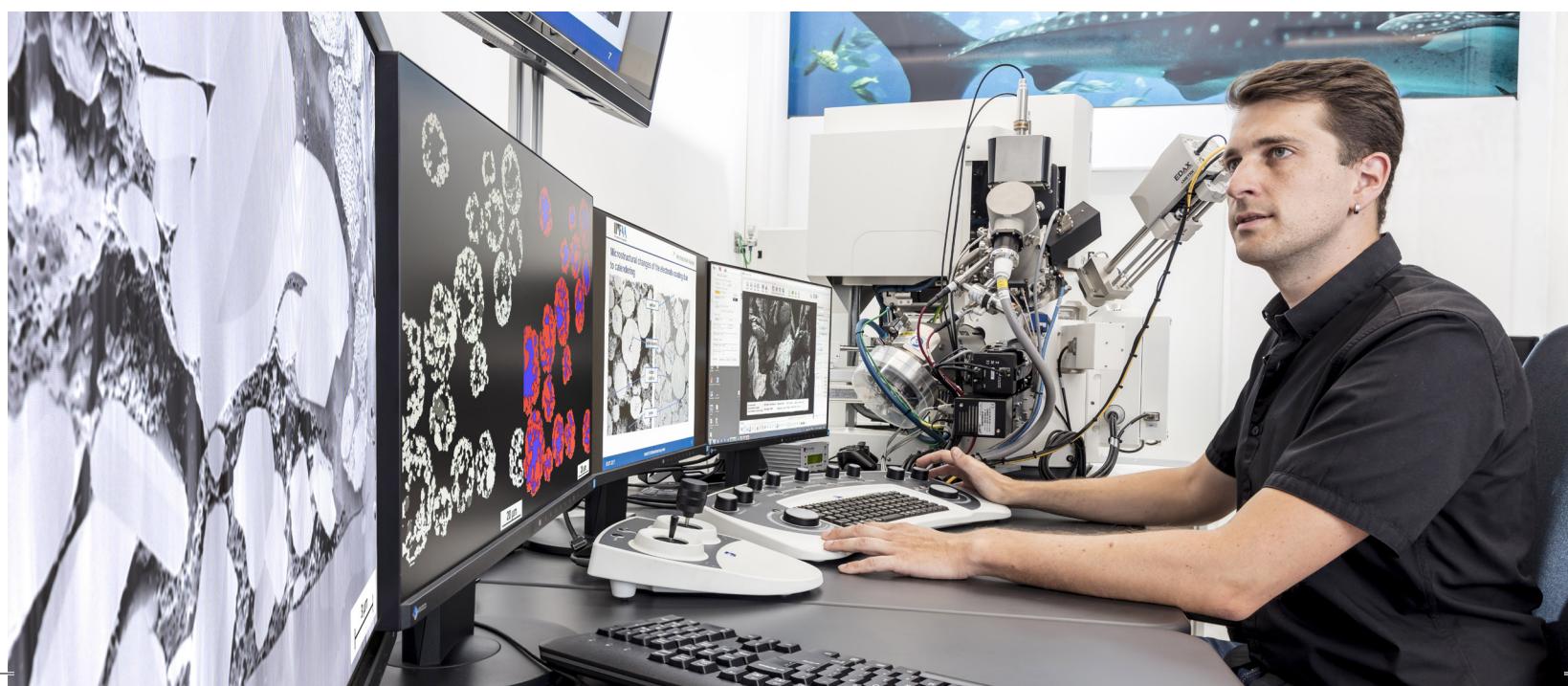
Applied Research and Technology Transfer

Aalen University – Research to Application

Aalen University's research performance has long been recognized. The University has been very successful in securing third party and industry sponsorship for our applied research projects. Vital research in Material Sciences, Optics and Laser Technology, Photonics, Casting Technology, Business Studies, Health Management are all valued by our regional business community. One out of four of our University's associates are working in research, often while they obtain a graduate or doctoral degree in cooperation with partner universities. Two new research centers are currently being built on the campus and will further contribute to the University's strength in applied research.



We are proud that these many research projects keep Aalen University at the forefront of technology. Knowledge transfer and collaboration with industry contribute significantly to the development of the University and the regional economy.



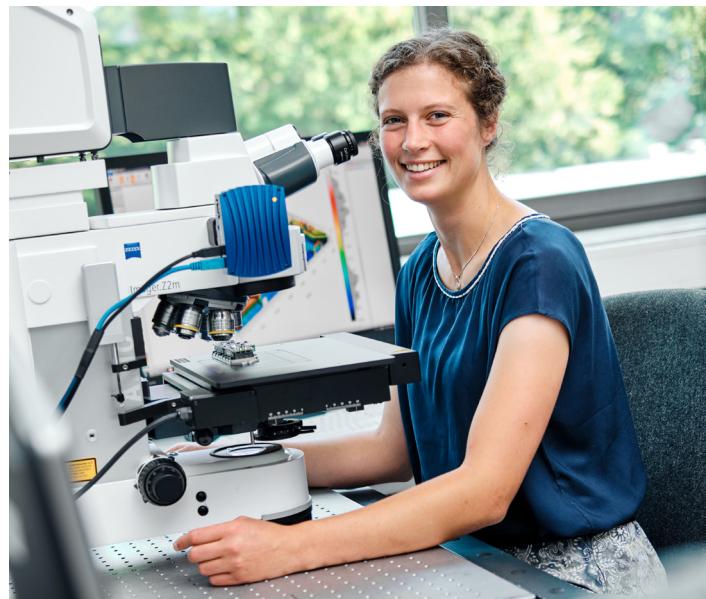
Powerful and Career-Boosting Industry Links

Aalen University – striving for excellence

The rigorous German higher education experience provides foreign students with an excellent preparation for a lifelong professional career. The overwhelming clear advantage foreign students enjoy by studying at Aalen University is obvious: The German educational system is among the best in the world so Aalen students are assured that hard work and study will pay off with rewarding careers!



German industry is efficient, strong and successful, and especially focused on export. Highly qualified foreign students from all over the world enjoy many opportunities in Germany, especially here in our state of Baden-Württemberg. Porsche, Bosch, Daimler, Carl Zeiss and SAP are names of global significance. However, not only global players but also many small and medium-sized international companies significantly contribute to our state's economy.



Foreign students benefit from the chance to gain practical experience during required internships in industrial companies. Students carry out their Bachelor and Master Theses very often in collaboration with regional companies, providing our graduates thus with an excellent experience to kick-start their career.

The professors of Aalen University have an extensive industrial background and are able to provide students with excellent links to the business community. High quality education, the Career and Start-Ups Center, the Innovation Center and the offer of free-choice programs related to soft skills help Aalen University students carefully prepare for their professional life.



Learning as a Way of Life

Satisfying educational needs

At Aalen University students study in an exciting environment that encourages a lifetime of continual learning and professional development. Our University offers a large variety of services to our students, such as for instance the Student Advisory Service, the Foreign Language Centre, the International Relations Office and the Career Center.



Career and Start-Ups Center

The rapidly developing business world is forcing our students to create a foundation of their future professional life in the form of contacts established during the practical semester. The Career and Start-Ups Center of Aalen University promotes this by specific programs. The Center is an interface between Aalen University and the business, to help students gain precious contracts to all areas of the industry.



Language Center

The Language Center of University is a center for the ETS TOIC test of the English language and the DaF test of the German language. It provides in addition a multitude of foreign language courses so for example in French, Spanish or in Chinese. All courses are based on student levels according to the standard Common European Framework.



Study Programs -International and Leading Edge

Course Offerings

Schools	Bachelors	Masters
Chemistry	Biopharmaceutical Sciences Chemistry	Analytical and Bioanalytical Chemistry
Electronics and Computing Science	Computer Science Computer Science in Media Data Science Electrical Engineering Internet of Things IT-Security Software Engineering Technical Informatics / Embedded Systems	Advanced Systems Design Computer Science Machine Learning and Data Analytics
Optics and Mechatronics	Audiology Digital Health Management Mechatronics Optical Engineering Optometry Technical Content Creation Technology & Engineering Teacher Education User Experience	Applied Photonics Business Development/Product and Start-up Mgt. Health Management Technology Mechatronics / Systems Engineering Technology & Engineering Teacher Education Vision Science and Business (part-time)
Mechanical Engineering and Materials Science	Industrial Engineering and Management Industrial and Manufacturing Engineering International Sales Management and Technology Materialography / Innovative Materials Mechanical Engineering Mechanical Eng. / Development: Design & Simulation Mechanical Engineering / Innovative Materials Plastics Engineering Surface Technologies / Innovative Materials	Advanced Materials & Manufacturing (by Research) Applied Surface and Material Sciences Data Management in Product Dvlpt. & Production Leadership in Industrial Sales and Technology Light Weight Engineering Polymer Technology Product Development and Manufacturing Technology Management
Management and Business Sciences	Business Analytics Business Information Systems Business Psychology Business Studies SME Healthcare Management Industrial Engineering International Business Studies	Business Information Systems Data Science and Business Analytics Financial Management Healthcare Management Industrial Management International Marketing and Sales Management of SMEs

English Taught Lectures

Selected lectures and degree programs of Aalen University are taught in English. At least one semester of English classes is included in all the University's schools. A detailed description of all English taught lectures and programs is available from the International Relations Office, to be found also under aalen-university.de (Aalen International Program).



What to expect

An International Player with a local Focus

- 10% of the students are from abroad
- More than 60 nations are represented at our university
- 26% of our students spend at least one semester abroad during their studies
- 142 university partnerships all over the globe
- Close cooperation with local business creates innovation and real world operational improvements
- Close cooperation with local industry contributes to the

- innovative English taught lectures at Bachelor and Master levels
- Experienced in state, national and international projects in Programs such as LARS, DFG, BMBF, GTZ, EU-Research Frame, ALFA, Leonardo, Tempus, Erasmus+
- One of the most powerful Universities of Applied Sciences of the state of Baden-Württemberg with regard to research

Practice Oriented Studies and Career Guidance

- Transparent and predictable syllabus structure
- Integrated fundamental and applied research
- Instruction merges academic studies and practical experience

- Individualized, interactive teaching in small groups
- Excellent academic counseling of students
- Developing personal and soft skills
- Smooth transition from learning to business

Practice Oriented Studies and Career Guidance

- Public State University of Baden-Württemberg
- Member of the AASAP – Association of American Study Abroad Programs in Germany
- Member of the DAAD – German Academic Exchange Service, Bonn
- Member of the DHIK – German University Consortium for International Cooperations

- Member of the EUA – European University Association
- Member of the HRK – German Rectors' Conference, Bonn
- Aalen: located in southern Germany; 68.000 inhabitants
- Old town center with many shops and outdoor cafés
- Appealing cultural and leisure opportunities, many sports clubs

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ACADEMIC CALENDAR

Academic year: winter + summer semester

Winter semester (WS):
September to February
WS terms: October to January
WS examination period:
first 3 weeks of February

Summer semester (SS):
March to August
SS terms: Mid-March to June
SS examination period:
first 3 weeks of July

